

02-03-05

1743/5

PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

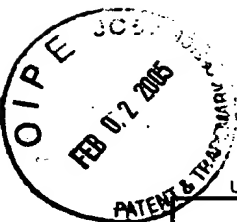
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | |
|---|------------------------|------------------------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/674,457-Conf. #8539 |
| | Filing Date | May 7, 1999 |
| | First Named Inventor | Per Andersson |
| | Art Unit | 1743 |
| | Examiner Name | D. K. Handy |
| Total Number of Pages in This Submission | Attorney Docket Number | HO-P02191US0 |

| ENCLOSURES (Check all that apply) | | |
|--|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input checked="" type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return Receipt Postcard Check in the amount of \$180.00 |
| <div>Remarks</div> | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | | | |
|--|-----------------------------|----------|--------|
| Firm Name | FULBRIGHT & JAWORSKI L.L.P. | | |
| Signature | | | |
| Printed name | Melissa W. Acosta | | |
| Date | February 2, 2005 | Reg. No. | 45,872 |

| Transmittal | |
|--|----------------------------|
| I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910683 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below. | |
| Dated: February 2, 2005 | Signature: (Staci Harris) |



| | | | |
|---|--|--------------------------|------------------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). | | Complete if Known | |
| FEE TRANSMITTAL For FY 2005 | | Application Number | 09/674,457-Conf. #8539 |
| | | Filing Date | May 7, 1999 |
| | | First Named Inventor | Per Andersson |
| | | Examiner Name | D. K. Handy |
| | | Art Unit | 1743 |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Attorney Docket No. | HO-P02191US0 |
| TOTAL AMOUNT OF PAYMENT | | (\$) | 180.00 |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): _____

☐ Deposit Account Deposit Account Number: 06-2375 Deposit Account Name: Fulbright & Jaworski L.L.P.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, **except for the filing fee**

☒ Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

| Application Type | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | Fees Paid (\$) |
|------------------|-------------|-----------------------|-------------|-----------------------|------------------|-----------------------|----------------|
| | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | Fee (\$) | Small Entity Fee (\$) | |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |

2. EXCESS CLAIM FEES

| Fee Description | Fee (\$) | Small Entity Fee (\$) |
|--|----------|-----------------------|
| Each claim over 20 (including Reissues) | 50 | 25 |
| Each independent claim over 3 (including Reissues) | 200 | 100 |
| Multiple dependent claims | 360 | 180 |

Total Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)** **Multiple Dependent Claims**

_____ - = _____ x _____ = _____ **Fee (\$)** **Fee Paid (\$)**

Indep. Claims **Extra Claims** **Fee (\$)** **Fee Paid (\$)**

_____ - = _____ x _____ = _____

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | Fee (\$) | Fee Paid (\$) |
|--------------|--------------|---|----------|---------------|
| _____ | _____ | _____ / 50 _____ (round up to a whole number) x _____ | _____ | _____ |

4. OTHER FEE(S)

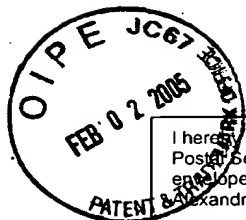
| | Fees Paid (\$) |
|---|----------------|
| Non-English Specification, \$130 fee (no small entity discount) | |
| Other (e.g., late filing surcharge): 1806 Submission of an Information Disclosure Statement | 180.00 |

| | | | |
|---------------------|-------------------|-----------------------------------|------------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 45,872 |
| Name (Print/Type) | Melissa W. Acosta | Telephone | (713) 651-5407 |
| | | Date | February 2, 2005 |

Fee Transmittal

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910683 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 2, 2005 Signature: Staci Harris (Staci Harris)



I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. ER540910683 US, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 2, 2005

Signature:

Staci Harris
(Staci Harris)

Docket No.: HO-P02191US0
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Per Andersson et al.

Application No.: 09/674,457

Confirmation No.: 8539

Filed: May 7, 1999

Art Unit: 1743

For: MICROFLUIDIC DEVICE

Examiner: D. K. Handy

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed more than three months after the U.S. filing date, OR more than three months after the date of entry of the national stage of a PCT application, AND after the mailing date of the first Office Action on the merits, whichever occurs first, but before the mailing date of a Final Office Action or Notice of Allowance (37 CFR 1.97(c)).

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

02/07/2005 AWONDAF1 00000141 09674457

01 FC:1806

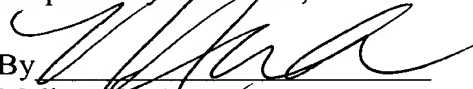
180.00 OP

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

Our check in the amount of \$180.00 covering the fee set forth in 37 CFR 1.17(p) is enclosed. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 06-2375, under Order No. 10104200.

Dated: February 2, 2005

Respectfully submitted,



By Melissa W. Acosta

Registration No.: 45,872

FULBRIGHT & JAWORSKI L.L.P.

1301 McKinney, Suite 5100

Houston, Texas 77010-3095

(713) 651-5151

(713) 651-5246 (Fax)



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

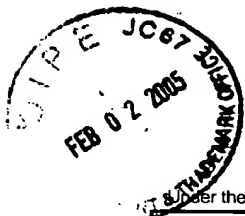
U. S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|---------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 09/674,457 |
| | | | | Filing Date | May 7, 1999 |
| | | | | First Named Inventor | Per Andersson |
| | | | | Art Unit | 1743 |
| | | | | Examiner Name | D. K. Handy |
| Sheet | 1 | of | 2 | Attorney Docket Number | HO-P02191US0 |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|---|--------------------------------|--|--|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ² (if known) | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | AA | US-6,192,768 | 02-27-2001 | LARS WALLMAN | |
| | AB | US-SN 09/937,533 | | Larsson et al. | |
| | AC | US-SN 10/169056 | | Andersson et al. | |
| | AD | US-SN 10/276282 | | Larsson et al. | |
| | AE | US-20040120856-A1 | 06-24-2004 | Per Andersson | |
| | AF | US-20030053934-A1 | 03-20-2003 | Per Andersson | |
| | AG | US-20030156763-A1 | 08-21-2003 | Tobias Soderman | |
| | AH | US-20040096867-A1 | 05-20-2004 | Per Andersson | |
| | AI | US-6,811,736 | 11-02-2004 | Per Ohman | |
| | AJ | US-SN 10/402138 | | Kylberg et al. | |
| | AK | US-SN 09/958,577 | | Ulfendahl | |
| | AL | US-6,126,765 | 10-03-2000 | OVE OHMAN | |
| | AM | US-6,322,682 | 11-27-2001 | LARS-ERIK ARVIDSSON | |
| | AN | US-SN 09/869, 554 | | Orlefors et al. | |
| | AO | US-5,690,841 | 11-25-1997 | HAKAN ELDERSTIG | |
| | AP | US-SN 09/830475 | | Stjernstrom | |
| | AQ | US-SN 10/168942 | | Tooke et al. | |
| | AR | US-6,812,457-A1 | 01-29-2004 | Per Andersson | |
| | AS | US-6,728,644-A1 | 04-27-2004 | Robert Bielik | |
| | AT | US-20030044322-A1 | 03-06-2003 | Per Andersson | |
| | AU* | US-SN 10/957452 | | Ekstrand et al. | |
| | AV | US-20030054563-A1 | 03-20-2003 | Magnus Ljungstrom | |
| | AW | US-SN 10/070912 | | Ohman et al. | |
| | AX | US-SN 10/402137 | | Kylberg et al. | |
| | AY | US-SN 10/030,297 | | Derand et al. | |
| | AZ | US-6,203,291 | 03-20-2001 | ERIK STEMME | |
| | AA1 | US-6,620,478 | 09-16-2003 | Ove Ohman | |
| | AB1 | US-SN 10/924,151 | | Tooke et al. | |
| | AC1 | US-SN 10/513,084 | | Holmquest et al. | |
| | AD1 | US-SN 09/937,533 | | Derand et al. | |
| | AE1 | US-SN 10/999,532 | | Ostlin et al. | |
| | AF1 | US-SN 10/867,893 | | Derand et al. | |
| | AG1 | US-SN 11/017,252 | | Derand et al. | |
| | AH1 | US-5,995,209 | 11-30-1999 | OVE OHMAN | |
| | AI1 | US-20040202579 | 10-14-2004 | Larsson et al. | |
| | AJ1 | US-SN 10/182792 | | Derand et al. | |
| | AK1 | US-6,653,625-A1 | 11-25-2003 | Per Andersson | |
| | AL1 | US-20030082075-A1 | 05-01-2003 | Tomas Agren | |
| | AM1 | US-20030213551-A1 | 11-20-2003 | Helene Derand | |
| | AN1 | US-20040099310-A1 | 05-27-2004 | Per Andersson | |
| | AO1 | US-20030129360-A1 | 07-10-2003 | Helene Derand | |
| | AP1 | US-6,454,970 | 09-24-2002 | PER OHMAN | |
| | AQ1 | US-SN 10/450177 | | Ohman et al. | |
| | AR1 | US-SN 10/129,032 | | Tormod | |
| | AS1 | US-6,632,656 | 10-14-2003 | Nicholas Thomas | |

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|



PTO/SB/08A (10-01)

Approved for use through 10/31/2002.OMB 0651-0031

U. S. Patent and Trademark Office: U. S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

| | | | | | |
|---|---|----|---|--------------------------|---------------|
| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 09/674,457 |
| | | | | Filing Date | May 7, 1999 |
| | | | | First Named Inventor | Per Andersson |
| | | | | Art Unit | 1743 |
| | | | | Examiner Name | D. K. Handy |
| Sheet | 2 | of | 2 | Attorney Docket Number | HO-P02191US0 |

| | | | | | |
|--|-----|-------------------|------------|------------------|--|
| | AT1 | US-6,144,447 | 11-07-2000 | OVE OHMAN | |
| | AU1 | US-20030094502-A1 | 05-22-2003 | Per Andersson | |
| | AV1 | US-5,962,081 | 10-05-1999 | OVE OHMAN | |
| | AW1 | US-SN 10/069827 | | Derand et al | |
| | AX1 | US-6,812,456-A1 | 11-02-2004 | Per Andersson | |
| | AY1 | US-SN 10/244667 | | Agren | |
| | AZ1 | US-20030231312-A1 | 12-18-2003 | Jan Sjoberg | |
| | AA2 | US-SN 10/849321 | | Fielden et al | |
| | AB2 | US-20030211012-A1 | 11-13-2003 | Marten Bergstrom | |
| | AC2 | US-20030047823-A1 | 03-13-2003 | Per Ohman | |
| | AD2 | US-6,717,136-A1 | 04-06-2004 | Per Andersson | |
| | AE2 | US-SN 10/111,822 | | Tooke et al. | |
| | AF2 | US-20040058408-A1 | 03-25-2004 | Nicholas Thomas | |
| | AG2 | US-5,773,488 | 06-30-1998 | KLAS ALLMER | |
| | AH2 | US-5,376,252 | 12-27-1994 | BJORN EKSTROM | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|---------------------------|--|--------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ | Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | | | | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See attached Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS | | | |
|---------------------------------|--------------------------|--|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | | |
| | | | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

| | | | |
|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
|-----------------------|--|--------------------|--|



Application No. (if known): 09/674,457

Attorney Docket No.: HO-P02191US0

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. ER540910683 US in an envelope addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on February 2, 2005
Date

Staci V. Harris

Signature

Staci Harris

Typed or printed name of person signing Certificate

Registration Number, if applicable

(713) 651-5273
Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (2 pages)
IDS (Citation) by Applicant
Information Disclosure Statement
Transmittal
Check in the amount of \$180.00